1951

F.J.A. (F.P.) Deptt

Ms. Series

close
3/1 to
(F.P.) 5/1

G.O. (Ms.) No. 397

Dated 1-9-1951

Abstract:— Irrigation - I.B. (Works) Schemes - S. Kanara Dt. - Mangalore Taluk - [redacted] Construction of a dam across Pavanje Thodu - Revised estimate Sanctioned.

B 56444/2

From Sri
T.S.Venkatarama Iyer,B.E.,I.S.E.,
Chief Engineer for Grow More Food
Chepauk, M a d r a s .

To
The Secretary to Government
Public Works Department
M a d r a s .

No.887/50 M-8 dated 6-6-51.

Sir,

Sub:-Construction of a dam across Pavanji thodu- a tributary of Pavanji river in South Kanara District - Revised estimate - Submitted for approval.

pp2-5 wks

I forward herewith a revised estimate amounting to Rs.1,34,978/- inclusive of direct and indirect charges for the above work for obtaining the revised administrative approval of Government.

(R)

2. The original estimate was sanctioned in G.O. No.Ms.465 dated 7-2-50 for Rs.91,075/- and it was technically sanctioned by the Superintending Engineer for Rs.98,882/- and registefed as C.R.No.1 of 1950-51.

3. Tenders were called for and the only tender in proper form received from Sri B.K.Bhat, a registered contractor, which was found to be 22.3% above the sanctioned estimate, was accepted by the Superintending Engineer and the work entrusted to him for execution.

4. During execution it was also found that the depth of foundation for wells provided upto level +33.00 as per sanctioned plan was insufficient due to non-availability of any hard strata at that level and it is, therefore, proposed to take the well foundations down to +26.00 and also to provide well foundations for wings and returns. All the above factors have increased the estimate amount, by 36.5% over the amount technically sanctioned, which is beyond the powers of the Chief Engineer for acceptance.

5. The work being in a riverbed, cannot be held up. So I am asking the Superintending Engineer to proceed with the balance of work also in anticipation of approval of Government to the revised estimate and I request that my above action may please be ratified. I also request early approval to the revised estimate.

pp 3 wks

V.Anrishnaswami 15/6/51
FOR CHIEF ENGINEER FOR G.M.F.

AK 12/6

Encl:One revised estimate with report and comparative statement of differences.
One revised financial forecast.

TSS.9/6.

p15 wks

pp 17-18 wks

P.W.D (J)

BOARD OF REVENUE 15 27 JUN 1951 23274 PRODUCTION

F&A (F.P) U.O. (Ar. J.C.R.)

25/6/51. 25/6/51

PWD U.O.
No. 56444 J/51-1
25.6.51

P.W.D.V.14
E.No.32

Detailed or service head-
Departmental head-
Project of which the work forms part.
Name of work
Amount of estimate, Rs
To be carried out by-

Circle-
Division-
District-
Taluks (Or Estate in case of estate works):

REFERENCES.

ESTIMATE FORM.- Abstract

Section
Major head-
Minor head-

Item No.	Quantity.	Description of work	Rate	Per	Amount.	Total
1	2	3	4 Rs	5	6 Rs	7 Rs
1	10000Cft.	Earth work excavation for foundations	80-0-0.	1000 Cft.	800	
1.a	40000Cft.	Earthwork excavation for forming baks and levelling site etc.	65-0-0	-do-.	2600	
1.b	70000Cft.	-do-	26-0-0	-do-	1820	
2.	11500Cft.	Laterite masonry in cement mortar 1:3	145-0-0	100Cft.	16675	
3.	20800Cft.	Concrete broken stores in cement mortar 1:4:8	118-9-0	-do-	24661	
4.	750 Cft.	Surfacing with baby jelly concrete 1:3:6.	160-0-0	-do-	1200	
5.	15200Cft.	Coursed rubble masonry in cement mortar 1:4 (IInd sort)	171-6-0	-do-	18449	
6.	650 cft.	Coursed rubble masonry in C.M. 1:4 Ist sort.	127-8-0	do-	829	
7.	2050 Cft.	Random rubble masonry in C.M. 1:4	115-14-0	do-	2375	
8.	6000 Cft.	Rough stone dry packing for aprons and revetments.	60-0-0	do-	3600	
9.	3050 Cft.	Quarry rubbish backing for aprons 6" in thick.	20-0-0-	do-	610	
10.	6300 Cft.	Puddle clay work including excavating puddle clay and laying in position.	15-0-0	-do-	945	
11.	54 Cft.	R.C.C. work 1:2:4	7-8-0	1Cft.	405	
12.	2 Nos	Supplying and fixing in position screw gearing shutters etc.	2200/-	each.	4400	
13.	10.5 Cft.	Country wood wrought and put up for guide beams				
14 a.	809 Rft.	Sinking Wells 5'-0" square.	6-0-0-	1 Rft	4854	
						84223

P.T.O.No.14 — Detailed or service head-
E.No.32 — Departmental head-
— Project of which the work forms part-
Circle — Name of work-
Division — Amount of estimate, Rs
District — To be carried out by-
Taluka (Or Estate in case of estate works) — Contractor.

ESTIMATE FORM - Abstract.

Section
Minor head-
Major head-

No.	Qty.	Description of work	Rate	Per	$	¢
1)	100000cft.	Earth-work excavation for foundations	80-0-0	Cft.	800	
1.a	400000cft.	Earthwork excavation for forming beds and levelling site etc.	65-0-0	-do-	2600	
1.b	700000cft.	-do- -do-	26-0-0	-do-	1820	
2.	115000cft.	Laterite masonry in cement mortar 1:3	146-0-0	-do-	16790	
3.	208000cft.	Concrete broken stones in cement mortar 1:6:8	118-0-0	-do-	24661	
4.	750 cft.	Surfacing with kuby jelly concrete 1:3:6	160-0-0	-do-	1200	
5.	1500000	Coursed rubble masonry in cement mortar 1:4 (IInd sort)	471-8-0	-do-	18449	
6.	550 cft	Coursed rubble masonry in C.M.1:4 Ist sort.	127-8-0	-do-	889	
	2050 Cft.	Random rubble masonry in C.M. 1:4	115-12-0	-do-	2375	
8.	6000 Cft.	Rough stone dry pecking for aprons and revetments.	60-0-0	-do-	2600	
9.	3050 Cft.	Quarry rubbish backing for aprons 6" in thick.	20-0-0	-do-	610	
10.	6500 Cft.	Puddle clay work including excavating puddle clay and laying in position	15-0-0	-do-	9750	
11.	84 Cts.	R.C.C. work 1:2:4	72-8-0	Nicft	605	
12.	2 Nos	Supplying and fixing in position screw gearing shutters etc.	2200/-	each	4400	
13.	410.5 Cft.	Country wood wrought and put up for rustic benches.				
14 a.	809 Nft.	Sinking wells 5'-0" erwure.	6-0-0	I Ft.	4854	
					84259	

14b.	33 Rft.	Sinking wells 5'-0" x 6'-6"	7-13-0 1 Rft.	258
14c.	33 Rft	-do- 4'-6" square.	4-14-0 -do-	1609
14d.	33 Rft	-do- 7'-6" x 4'-6"	8--2-0 -do-	268
15a.	49 Nos.	Mango wood well curbs 5'-0" square.	40/- Each	1960
15b.	2 Nos.	-do- 5'-0" x 6'-6"	47-8-0 "	95
15c.	20 Nos.	-do- 4'-6" square.	35/- "	700
15d.	2 Nos.	-do- 7'-6" x 4'-6"	50/- "	100
16.	14400 Sft.	Plastering with cement mortar 1:4 ½" thick.	15/- 100 Sft.	2160
17.	2753 lbs.	Providing tie rods and horizontal binders for wells.	0-8-0 1lb.	1377
18.	111 Rft.	Providing C.W. coffer boxes.	22-0-0 1 Rft.	2442
19.	200 Cft.	Filling in with broken stones 1½" size under apron.	29-12-0 100 Cft.	60
20.	L.S.	Providing staunching piles between wells	L.S.	1000
21.	L.S.	Land Acquisition charges.	L.S.	600
22.	L.S.	Forming flood banks etc.	L.S.	500
23.	L.S.	Add for difference in cost of cement mortar for work done already in 1:3 proportion.	L.S.	1500
24.	L.S.	Unforeseen works	L.S.	1000
25.	L.S.	Petty supervision and contingencies.	L.S.	3974
		Total		1,03,826

V Arumugaswami 15/6/57

FOR CHIEF ENGINEER FOR G.M.

TSS. 9/6.

			B.F.	8422
14b.	33 Cft.	Sinking wells 5'-0" x 6'-0"	7-12-0 1 Cft	258
14c.	32 Cft.	-do- 4'-6" square.	4-14-0 -do-	1609
14d.	33 Cft.	-do- 7'-6" x 4'-6"	8--2-0 -do-	268
15a.	49 Nos.	Hand wood well curbs 5'-0" square	40/- Each	1960
15b.	2 Nos.	-do- 5'-0" x 6'-6"	47-6-0 "	95
15c.	20 Nos.	-do- 4'-6" square.	35/- "	700
15d.	2 Nos.	-do- 7'-6" x 4'-6"	50/- "	100
16.	14400 Cft.	Plastering with cement mortar 1:4 1" thick.	15/- 100 Sft.	2160
17.	5763 lbs.	Providing tie rods and horizontal binders for wells.	0-8-0 1 lb.	1377
18.	111 Nos.	Providing C.I. cutter boxes.	22-0-0 1 Nos.	2442
19.	200 Cft.	Filling in with broken stone 1½" size under apron.	20-12-0 100 Cft.	60
20.	L.S.	Providing staunch-bar piles between wells.	L.S	1000
21.	L.S	Land Acquisition charges.	L.S	800
22.	L.S	Forming flood banks,etc.	L.S	500
23.	L.S	Add for difference in cost of cement mortar work done already in 1:3 proportion		1800
24.	L.S.	Unforeseen works		1000
		Overhead,supervision and contingencies.		3974
		Total		1,03,856

For CHIEF ENGINEER FOR G.M.P.

Ex. 9/6.

Constructing an anicut Across Pavanje Thodu a tributory to Pavanje River.

ESTIMATE FORM.--Comparative Statement of Differences.

Description of work.	Item No.	Original Estimate Quantity.	Original Estimate Rate.	Original Estimate Amount	Revised Estimate. Quantity	Revised Estimate. Rate	Revised Estimate. Amount	More	Less	Explanation of difference.
1	2	3	4	5	6	7	8	9	10	11
			Rs.	Rs.		Rs.	Rs.			
Earthwork excavation for foundations in all soils except rock requiring plasting inclusive of all leads and lifts.		L.S.		2000	10000 Cft.	80--0-0 1000Cft.	800			
Earthwork excavation for forming banks and levelling site etc., in all soils except rock requiring plasting inclusive of all leads and lifts.					40000 Cft.	65--0-0 1000Cft.	2600	3220		Excess due to increased quantity required during actual execution and increased tender rate.
-do-					70000 Cft.	26--0-0 1000 Cft.	1820			
Laterite masonry in cement mortar 1:3	2	6200 Cft.	127--8-0 100 Cft.	7905	11500 Cft.	145--0-0 100Cft.	16675	8770		-do-
Concrete broken stones 1½" size in cement mortar 1:3:6	3	15600 Cft.	110--0-0 100 Cft.	17160	20800 Cft.	118--9-0 100 Cft. (C.M.1¼4)	24661	7501		-do-
Surfacing with baby jelly concrete 1:3:6	4	900 Cft.	132-0-0 100Cft.	1188	750Cft.	160-0-0 100 Cft.	1200	12		-Excess due to increased tender rate
Coursed rubble masonry in cement mortar 1:3 - IInd sort.	5	7900 Cft.	108--0-0 100 Cft.	8532						Excess partly due to increase in quantity found necessary and partly due to increased tender rate.
-do- C.M. 1:4					15800 Cft.	121-6--0 100 Cft.	18449	9917		
				36785			73009	29420		

P.T.O.

1	2	3	4	5	6	7	8	9	10	11
				36785			66205	29420		
Coursed rubble masonry Ist sort in C.M.1:3.	6	120 Cft.	126--0-0 / 100 Cft.	8151	6501 Cft.	127--8-0 / 100 Cft.	829	678		Excess partly due to increase in quantity found necessary and partly due to increased tender rate.
-do- in C.M. 1:										
Random rubble in C.M. 1:3	7	5950 Cft.	98--8-0 / 100 Cft.	5861	2050 Cft.	115-14-0 / 100 Cft. (C.M.1:4)	2375		3486	Savings due to reduction in quantity as per revised proposals.
Rough stone dry packing for aprons and revetments.	8	5200 Cft.	37--0-0 / 100 Cft.	1924	6000 Cft.	60--0-0 / 100 Cft.	3600	1676--		Excess due to increased quantity due to revised proposals and partly due to increased tender rates.
Gravel backing for revetments 6" thick.	9	950 Cft.	14--0-0	133					133	Omitted as it is considered unnecessary.
Quarry rubbish backing for aprons 6" thick.	10	2100 Cft.	16--8-0 / 100 Cft.	347	3050 Cft.	20--0-0 / 100 Cft.	610	263		Excess partly due to increased quantity as per revised proposals and partly due to increased tender rates.
				45201			73619	32037	3619	

P.T.O.

				45201			73619	32037	3619	
Puddle clay work including excavating puddle and laying in position .	11	2700 Cft.	8--0-0 / 100Cft.	216	6300 Cft.	15--0-0 / 100 Cft.	945	729		Excess partly due to increased quantity as per revised proposals and partly due to increased tender rate.
Cut-stone work fully dressed in C.M. 1:3	12	500 Cft	360--0-0 / 100Cft.	1800	54 Cft.				1800	This is included under C.R. Ist sort.
R.C.C. work 1:2:4	13	80Cft	5--0-0 / 1 Cft.	400	54 Cft.	7--8-0	405	5		Excess due to increased tender rate.
Supplying and fixing in position screw gearing shutters.	14	2 Nos.	2200/-	4400						
Providing and fixing needle shutters with necessary iron straps and flat iron weight upto 20 lbs. for each shutter.	14a						4400			
Country wood wrought and put up	14b									
Sinking wells 5'-0" square.	15	383 Rft	4--0-0 / Rft.	1532	809Rft.	6-0-0 / Rft.	4854			Excess partly due to increased quantity as per revised proposals and partly due to increased tender rate.
-do- 5'-0" x 6'-6"	15a	-	-	-	33Rft.	7-13-0	258			
-do- 4'-6" square.	15b	-	-	-	330Rft.	4-14-0	1609			
-do- 7'-6" x 4'-6"	15c	-	-	-	33Rft.	8--2-0	268			
				53549			86358	38228	5419	

P.T.O

		5	6	7	8	9	10	11
		53549			86358	38228	5419	
Mango wood plank curbs 5'-Ø" square	16	51No.	35-11-0 each	1820 11	49No.	40/-	1960			Excess partly due to increased quantity as per revised proposals and partly due to increased tender rate.
-do-5'0"x4'6"	16a	-	-	-	2No.	47-8-0	95	1035		
-do- 4'-6" square.	16b	-	-	-	20No.	35-0-0	700			
-do- 7'-6" x 4' x 6"	16c	-	-	-	2 No.	50-0-0	100			
Plastering with Cement mortar 1:3 ½" thick.	17	9600 Sft.	11--4-0 100Sft.	1080	14400 Sft	15-0-0	2160	1080		-do-
Providing the rods and horizontal binders for wells.	18	12 Cwts.	45-0-0 1 Cwt.	540	2753 lbs.	0-8-0	1377	837		-do-
Providing coffer boxes 4'-0" high in 4 layers of 1'-0" each.	19	111 Rft.	20-4-0 1 Rft.	2248	111Rft.	22-0-0 1Rft.	2442			Excess due to tender rate.
Filling in with broken stones 1½" under aprons.	19a				200Cft.	29-12-0	60	60		New item included in the revised proposals.
Providing staunching piles between wells.	20	L.S.		1000			1000			
Constructing a stone shed for coffer boxes.	21	L.S.		800				800	800	This is omitted as this is not necessary now.
Land acqusition charges.	22	L.S.		600			600	-	-	
				61637			96852	41434	6219	

P.T.O.

1	2	3	4	65	6	7	8	9	10	11
				61637			96852	41434	96219	
Forming flood banks etc., and baling charges etc. -	23	-	L.S.	2000	-	-	500	-	1500	Savings due to forming ring bund and baling charges are included under item 1 & 1a as per tender.
Add for difference in cost of C.M' for work already done in 1:3 proportion.	23a		L.S.	-	-	-	1500	1500	-	This is necessary to meet the cost of work done prior to preparation of Revised Estimate.
Unforseen works.	24			2733			1000	-	1733	Savings due to lesses amount considered sufficient.
Contingencies and petty supervision.	25			3130			3974	844	-	Excess due to actuals.
Forming field bothies.	26			500					500	Not necessary.
Fluctuation in rates.	27			6000					6000	Not necessary as tender rates are adopted.
				76000			1,03,826	43778	15952	

P.T.O.

	76,000	1,03,826		
Total Works.			43,778	15,952
Establishment charges at 25%	19,000	25,957	6,957	
Leave and pensionary charges at 8.019% on establishment charges.	1,602	2,081	479	
Tools and Plant 2%	1,520	2,076	556	
Audit and accounts.	760	1,038	278	
Total.	98,882	1,34,978	52,048	15,952
Deduct amount of estimate already sanctioned.		98,882		
Net amount requiring sanction.		36,096		

V. Ak Krishnaswami 15/6/57
FOR CHIEF ENGINEER FOR GROW MORE FOOD.
AK 12/6

TSS.11/6.

STATEMENT OF FINANCIAL FORECAST.

	Rs.
Works Cost.	1,03,826
Establishment charges @ 25%	25,957
Leave and pensionary charges @ 8.019% on establishment.	2,081
Tools and Plant @ 2% on works	2,076
Audit and accounts @1% on works	1,038
Total outlay:	1,34,978

Gross Revenue at Rs.5/- per acre 220 x 5 = Rs.1100/-

Gross return. $\frac{1100 \times 100}{1,34,978} = 0.8\%$

20 times gross revenue 20 x 1100 = Rs.22,000

Net outlay 134978 - 22,000 = 1,12,978

50% of net outlay Rs.56,489/- I(Government of India subsidy)

Provincial Government's share:

	1,34,978
	56,543
	78,435

Net Revenue Rs.605/-

Net return on Provincial Government's share on total outlay. $\frac{605 \times 100}{78435} = 0.77\%$

U. Arishnaswami 15/6/57

For Chief Engineer for G.M.F.

TSS.9/6.

Report to accompany the Revised Estimate for Constructing an anicut across Pavanje thodu, a tributary to the Pavanje river in Mangalore taluk, South Kanara District.

Original Estimate amount: Rs.98,882
Revised Estimate amount: Rs.1,34,978

An estimate for Rs.76,000 for works and for Rs.98,882 including direct and indirect charges for constructing an anicut across Pavanje thodu, a tributary of Pavaje river in Magalore taluk, South Kanara Dt., was approved in G.O.Ms. No.465 dated 7-2-50 and was sanctioned as CR.no.1-I/1950-51. The general features such as location for the anicut scope of the scheme, crop period, catchment, and M.F.L. discharge etc. are given in the report accompanying the original estimate. On calling for tenders for the work, it was found that the tender rates for us successful tenderer were on an average 22.3% above the estimate rates. There has therefore been an increase of 10.11% over the overall estimate due to this. There has also been an increase in cost due to increase in the quantities of various items of work to be executed consequent on the revision in proposals found necessary during execution and explained in the following paragraphs . The estimate is therefore revised adopting the quantities for the various items as per agreement rates.

2. The probings taken during investigation indicated that laterite rock is available at levels ranging from 33.00 to 36.00. Due to anticipated difficulty in dewatering the foundations, it was proposed to have well foundations for the body wall of the anicut, the bottom of wells being taken down to laterite rock. But during actual execution, it is seen that the probing results were deceptive and that laterite rock is not available anywhere within 20 feet from the bed level It is therefore now proposed to take the bottom of wells to level 26.00 i.e. 15 ft. below average bed. The wells will be 5'-0" square outside the curbs being of mango wood, and the steining of laterite masonry in cement mortar 1:4 . The outside wells will be plastered with cement mortar 1:4 and 1/2" thick to the full depth to prevent any possible deterioration of the laterite masonry due to exposure to salt water. The inside of the wells will be filled entirely with cement concrete 1:4:8 R.C. of wooden staunching piles will be provided between the wells. Wells have not been provided for the wings and returns in the original estimate. These are found necessary and have now been provided. Over the well, a layer of 2' 0" depth of concrete 1:4:8 will be laid, the top of the concrete being at level 38.00 over which the anicut body wall will be constructed. The body wall will be 8'0" wide at bottom (at level 38.00) and 6 feet at the crest, the crest being at level 45.50. The body wall will be of coursed rubble in cement mortar 1:4, 2nd sort, the top 9" being of cutstone in cement mortar 1:3 Two regulating vents each 5'0" x 5' 0" fitted with screw gearing arrangements and R.C.Platforms well above M.F.L. will be provided at the left flank. The shutters for the regulating vents will be provided with copper plates to prevent damage due to saline action, and special arrangements to prevent leakage of salt water into the reach above will be made, as has been done in the case of Vyam dam. The abutments will be kept at level 53.00 ie. 1 foot above M.F.L. and approach bunds will be provided which will keep away high floods from the vicinity of the anicut and thus reduce damage to the structure. The masonry works have been designed to suit M.F.L. conditions.

3. Aprons: A low tide level of 43.50 has been reckoned in the original design, in arriving at the creep length. But during actual observation on 9-1-51, it was noticed that the L.T.L. went down to 41.50* reckoned in the original design. It is reported that the lowest and highest tide level observed on 9-1--51 are the minimum and maximum that have occurred in the recent past. It is therefore necessary to redesign the protective works for the lowest

*and the H.T.L. rose upto 49.18 as against 43.50 and 49.00

tide level, now observed. Based on the now observed L.T.L. a minimum length of percolation of 72 feet is found necessary as against 54 feet originally found necessary for the L.T.L. of 43.50. Provision for the extra length now found necessary is made by providing a roughstone dry apron 2[illegible] feet wide and 1'0" thick over 2'0" thick clay puddle in front of the upstream impervious apron; The top of the apron in front and rear is depressed to level 38.00 as gainst 41.00 originally proposed so that the top of apron is 2 ft. below average bed level. An impervious floor of cement concrete 1:4:8 23 feet wide (excluding retaining wall) and 2 feet thick for the first 20 feet width and 1'6" thick of the remaining width of 3 feet will be provided on the downstream side over a layer of quarry rubbish backing 6" thick. Filling with broken stone will be provided below the 1'-6" thick apron to serve as a filter. Weep holes will be provided at intervals of 4 feet in the retaining wall at the end of downstream impervious apron, at the level of broken stone filling. The top 3" of this apron will be finished with baby jelly concrete 1:3:6 This surfacing will be provided in the vents protion of the sluices as well. An upstream apron 1'-6" and 13 feet wide from the front toe of the body wall (excluding the retaining wall) of cement concrete 1:4:8 will also be provided. On the downstream side, a rough stone dry talus 1'6" thick and 15 feet wide (including retaing wall) over 6" quarry rubbish backing will be provided in continuation of the impervious apron. Calculations in support of the widths of aprons etc. are enclosed. Revetments upstream and downstream of the anicut are also provided to protect the margins from scour under high flood conditions.

4. Land Acquisition required for forming approach bunds and for a store shed at the site for keeping the coffer boxes during non-irrigation season has also been included in the estimate.

5. Irrigation is with water stored in the river bed above the anicut and will have to be by lift. The ryots will provide their own lifting appliances and form suitable field bothies.

6. Revenue and financial aspects: The scheme which costs Rs.1,03,826 for works and Rs.1,34,978/- including establishment and other charges will benefit an area of 220 acres, which at present suffers from influx of salt water during the 2nd Crop season.

7. There is an increase of Rs.36,203/- in the gross amount of the revised estimate over the original estimate.

Sd/
Executive Engineer

// True Copy //

[illegible] 16/6

enior Superintendent

Ft. dA. (FtP.TtA)

Abstract 19 : Irrigation Scheme - S. Kanara Dt. - Mangalore Taluk - Construction of a dam across Pavanje Thodu - Revised estimate - Sanctioned.

file SK 318 J1 78 19

pp32-38 cf (R) Read 4th Jan Lr.o.Ms.No. 465, P.W.D dated 7.2.50.

p.1 cf. Read also: From the C.E. (I.H.F.), letter No. 867/50-M-8, dated 6.6.51.

Lr.o.Ms.No. 397, FtA(F.P.), dated 19.51

A p5 cf. B p15 cf.

H. E. the Governor of Madras hereby sanctions a revised estimate amounting to Rs. 1,03,826/- (Rupees one lakh, three thousand eight hundred and twenty six only) for works or Rs. 1,34,978/- (Rupees one lakh, thirty four thousand, nine hundred and seventy-eight only) inclusive of direct and indirect charges for the work relating to the construction of a dam across the Pavanje Thodu in Mangalore taluk, South Kanara Dt., in lieu of the estimate sanctioned

for the work in the expd. cited.

2. The expenditure is debitable to "18- Irrigation - C- Flg Revenue Expenditure financed from ordinary revenues- Irrigation works - Works for which no capital and revenue accounts are kept - P.W.D. - a. works - Major."

vide para 2 p37 cf & A p3 wf

3. The action of the C.E (Y.H.F.) in having asked the S.E., Coimbatore Circle, to proceed with the execution of the balance of the work, in anticipation of sanction ~~of the Govt.~~ to the revised estimate by the Govt: also, is hereby ratified

B p3 wf & A p5 wf

Pg 48/8

7.8.51 8.8.51 8/1

To the C.E. (Y.
" A. Y., thro'
Fin. Deptt.
" Fin Deptt
Copy to the Boar
of Rev. (F.P. II A

DESPATCHED
[4 SEP 1951

FOOD AND AGRICULTURE(FOOD PRODUCTION)DEPARTMENT.

**

Irrigation- Intensive Cultivation(works)Scheme- South Kanara District- Mangalore taluk- Construction of a dam across Pavanje Thodu- Revised estimate- Sanctioned-

G.O.Ms.No. 397 F&A(FP) Dated 1st September 51.

Read again:-

G.O.Ms.No. 465 P.W.D. dated 7-2-1950.

Read also:-

From the Chief Engineer(Grow More Food) letter No.387/50-M-8 dated 6-6-51.

**

O R D E R:

His Excellency the Governor of Madras hereby sanctions the revised estimate amounting to Rs.1,03,826/-(rupees one lakh three thousands eight hundred and twenty six only)inclusive of direct and indirect charges for the work relating to the construction of a dam across the Pavanje Thodu in Mangalore taluk, South Kanara district in lieu of the estimate sanctioned for the work in the G.O. cited.

for works of Rs 1, 34 978 (Rupees one lakh thirty four thousand nine hundred and seventy eight only)

2. The expenditure is debitable to "18-Irrigation- Other Revenue Expenditure financed from ordinary revenues-Irrigation works-Works for which no capital and revenue accounts are kept-P.W.D.-a.- works- Major".

3. The action of the Chief Engineer (Grow More Food) in having asked the Superintending Engineer, Coimbatore circle, to proceed with the execution of the balance of the work, in anticipation of sanction of the revised estimate by the Government is also hereby ratified.

P.SIVASANKARAN PILLAI
DY.SECRETARY TO GOVERNMENT(EX-OFFICIO)

To

The Chief Engineer(Grow More Food)Madras.
The Accountant General, THROUGH Finance.
Finance Department, Madras.
Copy to:- The Board of Revenue (F.P.II.A)

Spares: 2

FORWARDED/BY ORDER.

MS/3.9

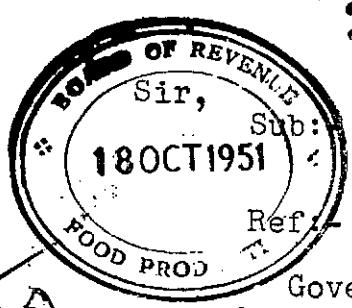
S. Krishnamurthy 3.9.51
SUPERINTENDENT.

From Sri
T.S. Venkatarama Ayyar, B.E., I.S.E.,
Chief Engineer(Buildings & G.M.F.),
Chepauk, M a d r a s.

To
The Secretary to Government
(Ex-Officio)
Food & Agriculture Department(F.P)
Chepauk, Madras.

39999

No.887/50-M-12 dated 11-10-51



Sir,

Sub: Irrigation- G.M.F.-Intensive cultivation works- South Kanara Dt. Mangalore Taluq- Construction of a dam across Pavanje Thodu- revised estimate- regarding-

Ref:- G.O.Ms.No.397 F&A (F.P) d/1-9-51 (B)

Government in their order cited have ordered that the expenditure on the above work might be debited to "18 O.R.E.- financed from ordinary revenues- Irrigation works- works for which no capital and revenue accounts are kept - P.W.D. a.works- Major".

2.But, Government in their Memo No.2255 N/50-3 d/21st July 1950, have issued instructions that all expenditure on tank improvement etc. sanctioned as a G.M.F. measure should be debited to the capital head "68 Construction of Irrigation etc. works". Naturally the expenditure on the above work also will have to be debited to "68 Construction" and not under "18 O.R.E.".

3. I therefore request that necessary amendments to para 2 of the G.O. cited may be issued.

For Chief Engineer, G.M.F.
13/10/51

prc.11/10.

11/10

Memo. No. 39909/51-2-F.P.II-A, dated 7.11.51

Issued 7.11.51

Sub: Irrigation - I.C. (Works) Scheme - Shitti Kanara (S.R.) - Mangalore taluk - Construction of a dam across Pavanje Thodu - Revised estimate - Orders of Sanction - Amendment issued.

Ref: Lgo. No. nil, F&A (F.P.) Deptt., dated 1-9-51.
From the C.E. (I.&M.F.), letter no. 887/SD-M-12, dated 11-10-51.

The following amendment shall be issued to the Lgo. cited.

For paragraph 2 of the Lgo. cited read as follows:

"2. The expenditure is debitable to "68 - Construction of Irrigation, Navigation, Embankment and Drainage works - Irrigation works - a. Works - Major - Non-system works"

(This is issued for a two P.F. Forms 152)

ADDITIONAL DEPUTY SECRETARY 1 NOV 1951 FINANCE DEPARTMENT

To the C.E. (I.&M.F.)
The A.G. (Audit) through Fin. Dept.
The Fin. Dept. Bd. (F.P.II-A)
Copy to 12 NOV 1951

F&A (F.P.II-A) No. 39909/51-1-F.P.II-A dated 28.10.51

SK 25.10.51

SK 23.10.51

SK 28.10.51

Now 24/10

Now 24/10

D.S.

Fin.

SV. Please see the cf. The above draft is for approval. Finance may see for acceptance.

Item (Expd)

The draft memo overleaf may be accepted.

3.11.57 — F+A (FP) — 3.11.57

Fin. 4.

F+A(FP)

A.S.

The draft overleaf may issue. After issue, this may be circulated with Fin. U.O. No. 397, F+A(FP), dated 1-9-51.

7.11.51 — 7.11.51

BOARD OF REVENUE — 6 NOV 1951 — FOOD PRODUCTION

3.11.57 — The BG

Fin. 4.

1:8.0074/E.C/57-1.

3-11-57

F. 4A(FP.II-A)

C. No. 23274/51-FP.II-A

Sub: Irrigation - I.c (Works) Scheme - South Kanara Dt. - Mangalore taluk - Construction of a dam across Pavanji Hodu - Revised estimate - Sanction of.

Ref: From the C.E. (I.M.F), letter No. 887/SD-M-8, dated 6.6.51.

A.S.

In Lgo. Ms. No. 465, P.W.D., dated 7-2-50, the Govt. sanctioned a scheme for the construction of a dam across the Pavanji Hodu, a tributary of the Pavanji river, in Mangalore taluk, South Kanara Dt. at an estimated cost of Rs. 70,000/- for works or Rs. 91,035/- inclusive of direct and indirect charges. The scheme was included in the Programme of I.c (works) Irrigation Schemes for 1950-51 and a subsidy of Rs. 34,538/- claimed thereafter from the Government of India. Subsequently, as it was observed that no revenue could be realized, as a result of execution of the scheme, a revised claim for a subsidy of Rs. 45,538/- in respect of the scheme was made on the Govt. of India, along with the first batch of consolidated list of revised grants.

2. The C.E. (I.M.F.) has now

Submitted a revised estimate for the Scheme amounting to Rs. 1,03,826/- for works or Rs. 1,34,978/- inclusive of direct and indirect charges for the sanction of the Govt. Further, as the work, being in a river bed, could not be held up, he has authorized the S.E., Coimbatore Circle, to proceed with the balance of the work on hand, in anticipation of sanction of the Govt. to the revised estimate. The C.E. requests that his above action may be ratified. A p5 ; B p5 ; X ; Para 5 p1 ;

3. The following points now arise for consideration in this file:

(i) Sanction to the revised estimate;

(ii) ratification of the action of the C.E. in having authorized the S.E. to proceed with the balance of work in anticipation of sanction of the Govt. to the revised estimate and Y Para 5 p1 ;

(iii) claiming of a revised subsidy in respect of the Scheme from the Govt. of India, based on the revised estimate. Z

4. The above points are examined below:

(i) Sanction to the revised estimate for the Scheme: The C.E. has explained the circumstances Para 4 p1 ;

necessitating the revision of the original estimate in paragraph 3 and 4 of his letter at p. 1 c/f and also in the report accompanying the revised estimate at pp. 17-18 c/f. The details of excesses over the provisions in the original estimate have been given in the form of a comparative statement at pp. 9-13 c/f. In these circumstances, sanction may be accorded to the revised estimate. The same is solicited. "18-RE" - vide para 2 p. 3 c/f of (R).

(ii) Ratification of the action of the C.E. in having asked the S.E. to proceed with the execution of the balance of work in anticipation of sanction of the Govt. to the revised estimate: The action of the C.E. in this regard may be ratified in view of the position taken by him in paragraph 5 of his letter at p. 1 c/f.

(iii) Claiming of a revised subsidy in respect of the Scheme from the Govt. of India: The subsidy for which the Scheme will be eligible from the Govt. of India as has been reported to that Govt. on the last occasion is Rs. 45,538/- As the gross additional revenue realizable from the Scheme is 'nil', the Scheme will be eligible for a subsidy of Rs. 67,489/- from the Govt. of India based on the (X)

revised estimate (ie.) 50% of the gross outlay on this Scheme. This revised amount of subsidy will be reported to the Govt. of India, along with the second batch of the Consolidated Revised grants, which is also pending being Compiled separately. M

5. After orders, the file may be sent to the Finance Department for acceptance of the proposals Contained in para 4 above. C

A B & C may be attended

24.7.51 25.7.51

(C.F.P.) 30/7/51

S.E.

Fin

SECTIONAL ASSISTANT SECRETARY, FINANCE DEPARTMENT
28 JUL 1951
55488
GOVERNMENT OF MADRAS

SECRETARY
BOARD OF REVENUE
27 JUL 1951
FOOD PRODUCTION

Finance(Exp.C.)Department F.dA.(FP.ii-A) No. 23204/51-1

27.7.51

This file relates to the following proposals:-

(i) to sanction a revised estimate for Rs.1,03,876 for works or Rs.1,34,978 inclusive of direct and indirect charges, for the work relating to the construction of a dam across Pavanjithodu, South Kanara District, which was sanctioned in G.O.No.465 P.W. dated 7-2-50 at an estimated cost of Rs.70,000 for works or Rs.91,075 inclusive of direct and indirect charges and ratifying the action of the C.E. in having authorised the S.E. to proceed with the balance of work in anticipation of sanction of the Government to the revised estimate and

X and Y on p 2 above

pp 37-38 cf R

(ii) to claim a revised subsidy in respect of

Z on p 2 above

the scheme from the Government of India ~~in respect~~ based on the revised estimate ~~of the scheme~~

Item(i) in para 1 above:

The increase in the revised estimate is stated to be due to the tender rates of the only tenderer which were 22.3% above the estimate rate and to the fact that it is proposed to take well foundations deeper than originally provided in the sanctioned plan and to provide well foundations for wings and returns also. This Department may agree to the proposals of F&A(F.P.) to sanction the revised estimate and to ratify the action of the C.E.

para 3 to 4 on ℘ 1 cf and Mp 17-18 cf

2. Item(ii) in para.1 above:- In the circumstances stated at M on pp.3-4 above, this Department may agree to the proposal of F&A(F.P.) to claim a revised subsidy of Rs.67,489, as against the subsidy of Rs.45,538 previously reported, ~~to the Government of India~~ from the Government of India along with the second batch of the consolidated list of revised grants which is being complied separately.

N on ℘ 4 above

3. H.M.(Finance) may see

Jinsen 5545EC/51-1 4.8.51

103826 Rs 134978 70000 Rs 91176 53826 43903

C1

10

Nov 1851

N 2-8-51

F.&A.(F.P.)

F.&A.(F.P.II)

A.S.

The proposals dealt with in this file are:

(1) Sanctioning of revised estimate amounting to Rs. 1,03,826/- for works or Rs. 1,34,978/- inclusive of direct and indirect charges

C No. 2327 G/51-F1

for the work relating to the Construction of a dam across the Pavanje Thodu in Mangalore taluk, South Kanara Dt

(ii) ratifying the action of the C.E. (I.H.F.) in having asked the S.E. to proceed with the execution of the balance of work in anticipation of sanction of the Govt. to the revised estimate; and

> para 3 proj

(iii) claiming a revised subsidy from the Govt. of India based on the revised estimate, along with the Second Batch of the Candidates' list of revised grants which is under compilation separately

The Finance Department have agreed to all the above three proposals and have suggested circulation of the case to Hon. (Fin). In the circumstances, a draft order is submitted below for approval of the case in circulation to Hon. (P.W.) and Hon (Fin.)

C P Sarma, Dy Secy.

BOARD OF REVENUE (FOOD PROD.) 30 AUG 1951

Dy Secy (P.W.) 31.8.

H.M. (P.W.) 1.9.

H.M. (Fin.) 2.9.

Dy Secy 3.9.

Dy Secy 31/8

Dy Secy 31/8

F. 4A (Pt. II-A)

A.S.

Please see the notes of this department from the bottom of p. 8 ante. The draft ords below which has been approved in circulation may now issue.

31.8.51 21.8.51 31/8